

## ABSTRACT

The present invention relates to a method for purifying a calcium ion-binding protein by cation exchange chromatography. The present invention provide a method for isolating and purifying a calcium ion-binding protein in a simple and efficient manner from a liquid sample containing a calcium ion-binding protein and contaminants without any pretreatment such as addition of a chelating agent. More specifically, the present invention relates to a method for purifying a calcium ion-binding protein which comprises contacting said protein with a cation exchange carrier in the presence of calcium ions to let the said protein be adsorbed to the carrier, and after washing, eluting said protein, and to a calcium ion-binding protein having substantially no contaminants obtained by the method of the present invention.